GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:188
ANSWERED ON:02.02.2017
National Database for Water Bodies
Venkatesh Babu Shri T.G.

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) whether the Government has taken any steps to have a complete information about the status of water bodies, their shrinkage, change in land use and to have a National Database of the same and if so, the details thereof;
(b) whether any target has been fixed to restore large number of water bodies during the current Plan period and also to pursue the States to include water bodies in land records; and
(c) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION

(DR. SANJEEV KUMAR BALYAN)

(a) to (c) Works related to water resources development & management are planned, funded, executed and maintained by the State Governments themselves as per their own resources and priorities. In order to supplement the efforts of the State Governments, Government of India provides technical and financial assistance to State Governments to encourage sustainable development and efficient management of water resources through various schemes and programmes such as scheme for Repair, Renovation and Restoration (RRR) of water bodies etc.

In India-WRIS Project, Ministry of Water Resources, River Development and Ganga Rejuvenation in association with NRSC, has mapped a total of 7,98,908 water bodies with water spread area of more than 0.01 ha in the country. Each water body has been assigned unique identification number. As per the 4th Minor Irrigation Census conducted by this Ministry, out of these, 5,23,816 water bodies are in rural areas and used for minor irrigation only. Of these 4,43,688 water bodies were in use and 80,128 were not in use. State wise details are at Annexure-I.

Out of 80128 water bodies not in use, it is noted that 18485 water bodies were permanently not in use for minor irrigation due to various reasons like being dried up, salinity, etc. State wise details are at Annexure-II.

In XII Plan, so far 1354 water bodies have been included under RRR of water bodies scheme. Works in 464 water bodies have been completed and the works in balance 890 water bodies are planned to be completed by March, 2018.

Secretary (WR, RD & GR) vide letter dated 07.11.2016 addressed to Chief Secretaries of the States, requested for inclusion of water bodies in land records of State Govt. Further, 'Draft guidelines for Conservation and Protection of Water Bodies' have been circulated to the Central Ministries and State/UTs.
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Annexure -I
Annexure-1 referred to in reply to Part (a) to (c) of Lok Sabha Unstarred Question No. 188 due for answer on 02.02.2017 regarding National Datbase for Water Bodies

4TH Minor Irrigation Census (2006-07)
State wise list of Water Bodies
(Surface Flow Schemes - Reservoirs, Tanks, Other Storages)
(Surface Lift Schemes - Lift on Tanks/Ponds)
NUMBER OF WATER BODIES
S. No State Name Water bodies (with Not-in use MI schemes) Water bodies (with In-Use MI schemes) Total Water bodies

1 ANDHRA PRADESH 22877 49123 72000
2 ARUNACHAL PRADESH 16 68 84
3 ASSAM 129 885 1014
4 BIHAR 966 4243 5209
5 CHHATTISGARH 6955 40864 47819
6 GOA 29 711 740
7 GUJARAT 1927 6341 8268
8 HARYANA 0 261 261
9 HIMACHAL PRADESH 33 812 845
10 JAMMU & KASHMIR 168 4720 4888
11 JHARKHAND 5316 38128 43444
12 KARNATAKA 14918 14563 29481

13 KERALA 167 8218 8385
14 MADHYA PRADESH 1493 54654 56147
15 MAHARASHTRA 517 88214 88731
16 MANIPUR 0 9 9
17 MEGHALAYA 59 98 157
18 MIZORAM 12 479 491
19 NAGALAND 60 106 166
20 ODISHA 5567 34339 39906
21 PUNJAB 0 205 205
22 RAJASTHAN 1573 2399 3972
23 SIKKIM 0 0 0
24 TAMIL NADU 11039 26135 37174
25 TRIPURA 19 515 534
26 UTTAR PRADESH 488 6391 6879
27 UTTARAKHAND 2479 6145 8624
28 WEST BENGAL 3292 53672 56964
29 ANDAMAN & NICOBARS 29 1347 1376
30 CHANDIGARH 0 0 0
31 DADRA & NAGAR HAVELI 0 31 31
32 DAMAN & DIU - - -
33 DELHI 0 10 10
34 LAKSHADWEEP - - -
35 PUDUCHERRY 0 2 2
Total : 80128 443688 523816

Note 1:-
Water bodies cover all natural or artificial units with some or no masonry work used for storing water for minor irrigation. These are usually of various types known by different names like tank, reservoir, pond.

Note 2:- In MI Census information is collected for villages/ rural areas only.
Note 3:- The above data pertains to only those Water Bodies where some minor irrigation scheme(s) (either in-use or not-in-use) is/are installled or those water bodies which function as surface flow schemes.

Note 4:- 4th Minor Irrigation Census not conducted in Lakshadweep and Daman & Diu
Annexure-II
Annexure-II referred to in reply to Part (a) to (c) of Lok Sabha Unstarred Question No. 188 due for answer on 02.02.2017 regarding National Datbase for Water Bodies
Minor Irrigation Census (2006-07)
State wise list of Water Bodies
(Surface Flow Schemes - Reservoirs, Tanks, Other Storages)
(Surface Lift Schemes - Lift on Tanks/Ponds)
Unit In nos.
S.No State Name Water Bodies with Permanently not-in- use MI Schemes
Total Due to Salinity Dried up Destroyed beyond Repair Due to sinking Any other Reason
1 2 3 4 5
1 ANDHRA PRADESH 6202 1381 3450 795 61 515
2 ARUNACHAL PRADESH 8 0 0 7 1 0
3 ASSAM 20 0 0 20 0 0
4 BIHAR 89 20 23 10 22 14
5 CHHATTISGARH 170 25 53 39 21 32
6 GOA 5 0 0 0 0 5
7 GUJARAT 1093 27 883 5 15 163
8 HIMACHAL PRADESH 14 0 6 4 0 4
9 JAMMU & KASHMIR 71 2 4 0 0 65
10 JHARKHAND 764 24 626 29 35 50
11 KARNATAKA 1268 164 370 237 69 428
12 KERALA 43 8 5 24 0 6
13 MADHYA PRADESH 614 82 166 281 17 68
14 MAHARASHTRA 58 13 8 3 3 31
15 MEGHALAYA 47 0 2 45 0 0
16 NAGALAND 2 0 0 1 0 1
17 ODISHA 1305 5 288 776 23 213
18 RAJASTHAN 266 0 181 39 4 42
19 TAMIL NADU 4680 621 581 38 23 3417
20 TRIPURA 8 0 0 8 0 0
21 UTTAR PRADESH 68 3 32 11 3 19
22 UTTARAKHAND 1024 11 359 203 157 294
23 WEST BENGAL 665 7 98 72 42 446
24 ANDAMAN & NICOBARS 1 1 0 0 0 0
Total : . 18485 2394 7135 2647 496 5813

Note 1:-
Water bodies cover all natural or artificial units with some or no masonry work used for storing water for minor irrigation. These are usually of various types known by different names like tank, reservoir, pond.
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